| Ref<br># | Hits | Search Query   | DBs  | Default<br>Operator | Plurals | Time Stamp       |
|----------|------|--|--|---------------------|---------|------------------|
| L1       |      | diffus\$3 near F near atom\$1 near surface near epi\$6 near substrate                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR                  | ON      | 2005/05/25 20:54 |
| L2       | 2    | (diffus\$3 near F near atom\$1) and (surface near epi\$6 near substrate)                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR                  | ON      | 2005/05/25 20:56 |
| L3       | 2    | diffus\$3 and (F near atom\$1) and (surface near epi\$6 near substrate)                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR                  | ON      | 2005/05/25 20:56 |
| L4       | 2    | (F near atom\$1) and (surface near epi\$6 near substrate)                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR                  | ON      | 2005/05/25 20:56 |
| S1       | 0    | 09/520,959   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR                  | ON      | 2004/11/01 11:57 |
| S2       | 0    | 09/520959  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR                  | ON      | 2004/11/01 11:58 |
| S3 .     | 1    | "09520959"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR                  | ON      | 2004/11/01 11:59 |
| S4       | 0    | 64-047055  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR                  | ON      | 2004/11/01 12:25 |
| S5       | 381  | ((silicate adj glass) BPSG) with nitrogen  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR                  | ON      | 2004/11/01 15:09 |
| S6       | 18   | (((silicate adj glass) BPSG) with nitrogen) and ((dinitrogen near monoxide) (NO near gas)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR                  | ON      | 2004/11/01 12:32 |

| S7    | 5    | (((silicate adj glass) BPSG) with nitrogen) and ((dinitrogen near monoxide) N2O)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON      | 2004/11/01 12:37 |
|-------|------|---|--|----|---------|------------------|
| S8    | 381  | ((silicate adj glass) BPSG) with \$2nitrogen  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON      | 2004/11/01 12:36 |
| S9    | 7445 | ((silicate adj glass) BPSG) and \$2nitrogen   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON      | 2004/11/01 12:36 |
| S10   | 73   | (((silicate adj glass) BPSG) and<br>\$2nitrogen) and ((dinitrogen near<br>monoxide) N2O)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON<br>, | 2004/11/01 14:17 |
| SI1   | 13   | ("3883889"   "3976524"   "4621414"  <br>"4871689"   "4960727"   "5004703"  <br>"5168343"   "5387540"   "5593912"  <br>"5616401"   "5780346"   "5966616"  <br>"5985735").PN. | USPAT  | OR | ON .    | 2004/11/01 12:56 |
| S12   | 66   | \$2nitrogen with heat with ((dinitrogen near monoxide) N2O)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON      | 2004/11/01 15:07 |
| S13   | 133  | \$2nitrogen same heat same ((dinitrogen near monoxide) N2O)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON      | 2004/11/01 14:46 |
| S14 . | 36   | nitrogen with (heat near treat\$4) with ((dinitrogen near monoxide) N2O)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON      | 2004/11/01 15:09 |
| S15   | 206  | nitrogen and (heat near treat\$4) and ((dinitrogen near monoxide) N2O)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON      | 2004/11/01 16:30 |
| S16   | 28   | (nitrogen and (heat near treat\$4) and ((dinitrogen near monoxide) N2O) ) and ((silicate adj glass) BPSG)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON      | 2004/11/01 15:28 |

| S17 | 26     | (nitrogen and (heat near treat\$4) and ((dinitrogen near monoxide) N2O) ) and (nitrogen near2 oxide near (layer film))                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON   | 2004/11/01 15:14 |
|-----|--------|---|--|----|------|------------------|
| S18 | 29     | (((SiON) nitrogen oxynitride) and (heat<br>near treat\$4) and ((dinitrogen near<br>monoxide) N2O) ) and ((silicate adj glass)<br>BPSG)        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON   | 2004/11/01 16:29 |
| S19 | 38     | ((SiON) nitrogen oxynitride) with (heat near treat\$4) with ((dinitrogen near monoxide) N2O)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON   | 2004/11/01 15:31 |
| S20 | 217    | ((SiON) nitrogen oxynitride) and (heat<br>near treat\$4) and ((dinitrogen near<br>monoxide) N2O)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON   | 2004/11/01 16:28 |
| S21 | 171    | ((SiON) nitrogen oxynitride) with (absence near2 hydrogen)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON   | 2004/11/01 16:30 |
| S22 | 0      | (((SiON) nitrogen oxynitride) with<br>(absence near2 hydrogen)) and ((silicate<br>adj glass) BPSG)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON   | 2004/11/02 10:29 |
| S23 | 116743 | ((SiON) nitrogen oxynitride) with hydrogen  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON   | 2004/11/01 16:30 |
| S24 | 1646   | (((SiON) nitrogen oxynitride) with hydrogen) and ((silicate adj glass) BPSG)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON   | 2004/11/01 16:30 |
| S25 | 8      | ((((SiON) nitrogen oxynitride) with hydrogen) and ((silicate adj glass) BPSG) ) and (heat near treat\$4) and ((dinitrogen near monoxide) N2O) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON . | 2005/02/04 18:36 |
| S26 | 5092   | ((SiON) (nitrogen near2 oxide) oxynitride) with (hydrogen H2)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON   | 2004/11/02 11:08 |

| S27 | 61011 | ((SiON) (nitrogen near2 oxide) oxynitride)<br>NOT (hydrogen H2)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB  | OR | ON | 2004/11/02 10:32 |
|-----|-------|---|---|----|----|------------------|
| S28 | 2125  | (((SiON) (nitrogen near2 oxide)<br>oxynitride) NOT (hydrogen H2)) and<br>((silicate adj glass) BPSG)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB  | OR | ON | 2004/11/02 10:32 |
| S29 | 199   | (((SiON) (nitrogen near2 oxide)<br>oxynitride) with (hydrogen H2)) and<br>((silicate adj glass) BPSG)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB  | OR | ON | 2004/11/02 11:09 |
| S30 | 3     | ((((SiON) (nitrogen near2 oxide) oxynitride) with (hydrogen H2)) and ((silicate adj glass) BPSG) ) and (prevent\$3 near2 boron near2 diffus\$3) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB  | OR | ON | 2004/11/02 10:40 |
| S31 | 46    | (((SiON) (nitrogen near2 oxide) oxynitride) NOT (hydrogen H2)) and (prevent\$3 near2 boron near2 diffus\$3)                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB  | OR | ON | 2004/11/02 11:05 |
| S32 | 11    | (((SiON) (nitrogen near2 oxide) oxynitride) with (hydrogen H2)) and (prevent\$3 near2 boron near2 diffus\$3)                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB  | OR | ON | 2005/02/04 18:32 |
| S33 | 447   | prevent\$3 near2 boron near2 diffus\$3  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB  | OR | ON | 2004/11/02 11:08 |
| S34 | 103   | (prevent\$3 near2 boron near2 diffus\$3)<br>and ((SiON) (nitrogen near2 oxide)<br>oxynitride)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>; IBM_TDB | OR | ON | 2004/11/02 11:09 |
| S35 | 29    | ((prevent\$3 near2 boron near2 diffus\$3)<br>and ((SiON) (nitrogen near2 oxide)<br>oxynitride) ) and ((silicate adj glass)<br>BPSG)             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB  | OR | ON | 2004/11/02 11:09 |
| S36 | 696   | ((SiON) (nitrogen near2 oxide) oxynitride) with (conduct\$3 near (film layer))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB  | OR | ON | 2005/02/04 19:15 |

| S37 | 148 | S36 and ((silicate adj glass) BPSG)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR   | ON | 2005/02/04 19:12 |
|-----|-----|---|--|------|----|------------------|
| S38 | 63  | S37 and (gate near (oxide insulat\$3))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR . | ON | 2005/02/04 18:37 |
| S39 | 37  | ((SiON) (nitrogen near2 oxide) oxynitride) with (conduct\$3 near (film layer)) with ((silicate adj glass) BPSG) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR   | ON | 2005/02/04 19:16 |